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OCT 1 3 2004	ANSMITTAL	LETTER		•	Docket Number	er:
Application 09/09	Number: 341	Filing Date: 08/01/2001		Examiner: ang H. Nguyen		o Art Unit: 2877
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

licant:

Choi et al.

App. No.:

09/920,341

GPAU:

2877

Filing Date:

08/01/2001

Examiner:

Sang H.Nguyen

Dkt. No.:

PA17-07V06

Conf. No.:

4146

For:

METHODS FOR HIGH-PRECISION GAP ORIENTATION SENSING BETWEEN

A TRANSPARENT TEMPLATE AND SUBSTRATE FOR IMPRINT

LITHOGRAPHY

INFORMATION DISCLOSURE STATEMENT TRANSMITTAL

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

The following information is submitted in compliance with Applicants' duty of disclosure and pursuant to 37 C.F.R. § 1.56, § 1.97 and § 1.98. The undersigned brings the patents, publications, applications or other information identified in the attached:

- Form(s) PTO/SB/08A and/or PTO/SB/08B or PTO/1449
- Other: Other: Invitation to Pay Additional Fees and Communication Relating to the Results of the Partial International Search dated August 10, 2004 to the Examiner's attention in the above-identified application. It is respectfully requested that the cited information be expressly considered during the prosecution of this application, and the references be made of record therein and appear among the "references cited" on any patent to issue therefrom.

FEES DUE

This Information Disclosure Statement is being filed:

within three months of the filing date of a national application or within three months of entry of the

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national stage as set forth in § 1.491 in an international application. Therefore, no fee is required. before the mailing date of a first Office action on the merits or before the mailing date of a first Office action after the filing of a request for continued examination under § 1.114. Therefore, no fee is believed required. during the period specified in § 1.97(c). Each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart application not more than three months prior to the filing of this Information Disclosure Statement. during the period specified in § 1.97(c). Accordingly, П the fee set forth in § 1.17(p) is required and provided as shown on the attached Fee Transmittal. during the period specified in § 1.97(d). Accordingly, \boxtimes the fee set forth in § 1.17(p) is required and provided as shown on the attached Fee Transmittal. Additionally, each item of information contained in the information disclosure statement was first cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the information

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disclosure statement.

Signed:

Typed Name:

Katrina Prati

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Respectfully Submitted,

Kenneth C. Brooks,

Req. No. 38,393

Legal Department

Molecular Imprints, Inc.

P.O. Box 81536

Austin, TX 78758-1535

(512) 339-7760

(512) 339-3799 (fax)

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Sheet 1 of 3

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Complete if Known					
Application Number 09/920,341					
Filing Date	08/01/2001				
First Named Inventor	Choi et al.				
Group Art Unit	2877				
Examiner Name	Nguyen, Sang H.				
Attorney Docket Number	PA17-07V06				

		U.S. Patent Do	cument		Date of Publication of	Pages, Columns, Lines,
Examiner nitials*	Cite No. ¹	Number	Kind Code ² (if known)	Name of Patentee or Applicant of Cited Document	Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	F1	4,119,688		Hiraoka	10-10-1978	
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¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

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Sheet	2	of	3	Attorney Docket Number	PA17-07V06

FOREIGN PATENT DOCUMENTS											
Examiner Initials*	Cite No.1	Office ³	Foreign Patent Documer Number ⁴		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant	T _e			
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	F2	wo	00/21689		Chou et al.	04-20-2000		\perp			
	F3	WO	01/47003	A2	Steiner et al.	06-28-2001		╄			
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	Application Number	09/920,341
INFORMATION DISCLOSURE	Filing Date	08/01/2001
STATEMENT BY APPLICANT	First Named Inventor	Choi et al.
	Group Art Unit	2877

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Examiner Name

Attorney Docket Number

Nguyen, Sang H.

PA17-07V06

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Sheet

Signature

•	1	NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	1
	F4	Communication Relating to the Results of the Partial International Search; International Appl. No. PCT/US2002/015551.	

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OCT 1 3 2004 ITED STATES PATENT AND TRADEMARK OFFICE

Applicant:

Choi et al.

App. No.:

09/920,341

GPAU:

2877

Filing Date:

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Examiner:

Sang H.Nguyen

Dkt. No.:

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\boxtimes	Form(s)	PTO/SB/08A	and/or	PTO/SB/08B	or	PTO/1449
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Other:

to the Examiner's attention in the above-identified application. It is respectfully requested that the cited information be expressly considered during the prosecution of this application, and the references be made of record therein and appear among the "references cited" on any patent to issue therefrom.

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	before the mailing date of merits or before the mailing action after the filing of examination under § 1.114. believed required.	a request for continued
	information contained in t	the filing of this
		ed in § 1.97(c). Accordingly, 7(p) is required and provided Fee Transmittal.
	the fee set forth in § 1.1 as shown on the attached F Additionally, no item of i Information Disclosure State communication from a forei counterpart foreign applied of the person signing the reasonable inquiry, no item.	Information contained in this attement was cited in a sign patent office in a station, and, to the knowledge certification after making am of information contained in a statement was known to any 1.56(c) more than three
I hereby is being USPTO or Postal Se either Fin an env	CERTIFICATE OF TRANSMISSION certify that this correspondence facsimile transmitted to the deposited with the United States ervice with sufficient postage as irst Class Mail or Express Mail, welope addressed to the oner for Patents. me: Katrina Prati	Respectfully Submitted, CMM// Kenneth C. Brooks, Reg. No. 38,393 Legal Department Molecular Imprints, Inc.

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(512) 339-3799 (fax)

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Under the Paperwork Reduction Act of 1995, no persons required to respons to a collection of information unless it displays a valid OMB control number. & TRADE! Complete if Known Substitute for form 1449A/PTO **Application Number** 09/920,341 INFORMATION DISCLOSURE **Filing Date** 08/01/2002 STATEMENT BY APPLICANT **First Named Inventor** Choi et al. Group Art Unit 2877 (use as many sheets as necessary) **Examiner Name** Nguyen, Sang H. 7 Sheet of Attorney Docket Number PA17-07V06

		U.Ş. Patent Doc			Date of Publication of	Pages, Columns, Lines,
Examiner Initials*	Cite No. ¹	Number	Kind Code ² (if known)	Name of Patentee or Applicant of Cited Document	Cited Document MM-DD-YYYY	Where Relevant Passages or Relevant Figures Appear
	E1	4,070,116		Frosch et al.	01-24-1978	
	E2	4,600,309		Fay	07-15-1986	
	E3	4,848,911		Uchida et al.	07-18-1989	
	E4	5,074,667		Miyatake	12-24-1991	
	E5	5,148,036		Matsugu et al.	09-15-1992	
	E6	5,148,037		Suda et al.	09-15-1992	
	E7	5,151,754		Ishibashi et al.	09-29-1992	
	E8	5,179,863		Uchida et al.	01-19-1993	
	E9	5,376,810		Hoenk et al.	12-27-1994	
	E10	5,424,549		Feldman	06-13-1995	
	E11	5,670,415		Rust	09-23-1997	
	E12	5,743,998		Park	04-28-1998	
	E13	5,855,686		Rust	01-05-1999	
	E14	5,948,219		Rohner	09-07-1999	
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	E16	6,150,680		Eastman et al.	11-21-2000	
	E17	6,326,627	B1	Putvinski et al.	12-04-2001	
-	E18	2002/0132482	A1	Chou	09-19-2002	
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	E20	6,482,742	B1	Chou	11-19-2002	
	E21	6,534,418	B1	Plat et al.	03-18-2003	
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	E26	5,468,542		Crouch	11-21-1995	
	E27	5,366,851		Novembre	11-22-1994	· ,
	E28	5,362,606		Hartney et al.	11-08-1994	
	E29	5,324,683		Fitch et al.	06-28-1994	
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	E31	5,458,520		DeMercurio et al.	10-17-1995	
	E32	5,453,157		Jeng	09-26-1995	
	E33	5,439,766		Day et al.	08-08-1995	·
	E34	5,431,777		Austin et al.	07-11-1995	
Examiner Signature					Date Considered	

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Application Number 09/920,341

Filing Date 08/01/2001

First Named Inventor Choi et al.

Group Art Unit 2877

Examiner Name Nguyen, Sang H.

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Sheet 2 of 7

Attorney Docket Number PA17-07V06

		U.S. Patent Do			Date of Publication of	Pages, Columns, Lines,
Examiner Initials*	Cite No. ¹	Number	Kind Code ² (if known)	Name of Patentee or Applicant of Cited Document	Cited Document MM-DD-YYYY	Where Relevant Passages or Relevant Figures Appear
	E35	5,422,295		Choi et al.	06-06-1995	
	E36	5,421,981		Leader et al.	06-06-1995	
	E37	5,417,802	1	Obeng	05-23-1995	
	E38	5,380,474		Rye et al.	01-10-1995	
	E39	5,374,454		Bickford et al.	12-20-1994	
	E40	5,330,881		Sidman et al.	07-19-1994	
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	E46	5,108,875	ŀ	Thackeray et al.	04-28-1992	
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	E49	4,908,298		Hefferon et al.	03-13-1990	
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	E54	4,201,800	1	Alcorn et al.	05-06-1980	
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	E66	4,931,351		McColgin et al.	06-05-1990	
	E67	4,976,818		Hashimoto et al.	12-11-1990	
	E68	4,980,316		Huebner	12-25-1990	
Examiner Signature				· · · · · · · · ·	Date Considered	

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Application Number 09/920,341

Filing Date 08/01/2001

First Named Inventor Choi et al.

Group Art Unit 2877

Examiner Name Nguyen, Sang H.

(use as many sheets as necessary)

Sheet 3 of 7

	Attorney Docket Number	PA17-07V06
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	[U.S. Patent Doo		J	Date of Publication of	Pages, Columns, Lines,
Examiner Initials*	Cite No.1	Number	Kind Code ² (if known)	Name of Patentee or Applicant of Cited Document	Cited Document MM-DD-YYYY	Where Relevant Passages or Relevant Figures Appear
	E69	4,999,280		Hiraoka	03-12-1991	
	E70	5,071,694		Uekita et al.	12-10-1991	
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	E80	5,895,263		Carter et al.	04-20-1999	
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	E82	5,926,690		Toprac et al.	07-20-1999	
-	E83	5,948,570		Kornblit et al.	09-07-1999	
	E84	6,033,977		Gutsche et al.	03-07-2000	
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Complete if Known **Application Number** 09/920,341 08/01/2001 **Filing Date First Named Inventor** Choi et al. **Group Art Unit** 2877 **Examiner Name** Nguyen, Sang H.

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Filing Date 08/01/2001

First Named Inventor Choi et al.

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Examiner Name Nguyen, Sang H.

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